



33432-A-PCT-USA-A (070050.2407)  
PATENT

76

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Modak *et al.*  
Appln. No. : 10/600,257 Examiner : Azpuru, Carlos A.  
Filed : June 20, 2003 Group Art Unit : 1615  
For : ANTIMICROBIAL MEDICAL DEVICES

**LETTER**

I hereby certify that this paper is being deposited with  
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Peter J. Shen

52,217

Attorney Name

Patent Reg. No.

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Signature

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Sir:

Applicants enclose herewith copies of all foreign patent documents and literature  
references listed on the Form PTO-1449, copy enclosed, filed with the Information Disclosure Statement  
on March 21, 2005 for the referenced application.

Respectfully submitted,

BAKER BOTTS L.L.P.

By: [Signature]

Peter J. Shen

Patent Office Reg. No. 52,217

30 Rockefeller Plaza, 44th Floor

New York, NY 10012-4498

Attorney for Applicants

212-408-2500

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
33432-A-PCT-USA-A  
(070050.2407)

Serial No.  
10/600,257

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTS**

Applicants  
Modak et al.

Filing Date  
June 20, 2003

Group Art Unit  
1615

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	4 6 0 5 5 6 4	08/12/86	Kulla et al.	427	2.3	
	4 7 2 3 9 5 0	02/09/88	Lee	604	322	
	4 9 9 9 2 1 0	03/12/91	Solomon et al.	427	2	
	4 9 9 4 0 4 7	02/19/91	Walker et al.	604	264	
	5 0 1 3 3 0 6	05/07/91	Solomon et al.	604	265	
	5 0 1 9 0 9 6	05/28/91	Fox, Jr. et al.	600	36	
	5 0 3 3 4 8 8	07/23/91	Curtis et al.	132	321	
	5 0 8 9 2 0 5	02/18/92	Huang et al.	264	255	
	5 0 9 1 4 4 2	02/25/92	Milner	523	122	
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	5 1 6 5 9 5 2	11/24/92	Solomon et al.	427	2.25	
	5 1 8 0 6 0 5	01/19/93	Milner	427	2.3	
	5 2 0 0 1 9 4	04/06/93	Edgren et al.	424	473	
	5 2 0 9 2 5 1	05/11/93	Curtis et al.	132	321	
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	5 3 5 7 6 3 6	10/25/94	Dangman et al.	2	161.7	
	5 3 3 5 3 7 3	08/09/94	Dangman et al.	2	161.7	
	5 3 5 7 6 3 6	10/25/94	Dresdner, Jr. et al.	2	161.7	
	5 4 2 0 1 9 7	05/30/95	Lorenz et al.	525	54.3	
	5 4 5 1 4 2 4	09/19/95	Solomon et al.	427	2.1	
	5 6 1 6 3 3 8	04/01/97	Fox Jr. et al.	424	423	
	5 7 0 7 3 6 6	01/13/98	Solomon et al.	604	265	

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

NY02:515265.1

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		5	7	7	2	6	4	0	06/30/98	Modak et al.	604	265	
		6	0	8	3	2	0	8	07/04/00	Modak et al.	604	265	
		6	1	0	6	5	0	5	08/22/00	Modak et al.	604	265	
		6	2	2	4	5	7	9	05/01/01	Modak et al.	604	265	
		6	2	6	1	2	7	1	07/17/01	Solomon et al.	604	265	
		6	6	2	6	8	7	3	09/30/03	Modak et al.	604	265	

## FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator	
													Yes	No
		0	3	2	8	4	2	1	08/16/89	EP				
		0	3	7	9	2	7	1	07/25/90	EP				
		0	4	7	2	4	1	3	08/21/91	EP				
		9	3	0	6	8	8	1	04/15/93	WO				
		9	3	0	2	7	1	7	02/18/93	WO				
		0	6	6	3	2	1	2	05/30/95	EP				
		9	6	2	2	1	1	4	07/25/96	WO				
		9	7	2	5	0	8	5	07/17/97	WO				
1		1	0	4	9	6	2	5	02/23/99	JP				
		0	0	5	7	9	3	3	10/05/00	WO				

## OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		The Merck Index, An Encyclopedia of Chemicals, Drugs and Biologicals, Tenth Edition Merck & Co., Inc., Rahway, NJ, 1983, p. 1092.
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		Bach A, Bohrer H, Motsch J, Martin E, Geiss HK, Sonntag HG. Prevention of bacterial colonization of intravenous catheters by antiseptic impregnation of polyurethane polymers. J Antimicrob Chemother. 1994 May;33(5):969-78.
		Choi L, Choudhri AF, Pillarisetty VG, Sampath LA, Caraos L, Brunnert SR, Oz MC, Modak SM. Development of an infection-resistant LVAD driveline: a novel approach to the prevention of device-related infections. J Heart Lung Transplant. 1999 Nov;18(11):1103-10.
		Tambe SM, Sampath L, Modak SM. In vitro evaluation of the risk of developing bacterial resistance to antiseptics and antibiotics used in medical devices. J Antimicrob Chemother. 2001 May;47(5):589-98.
		Kim CY, Kumar A, Sampath L, Sokol K, Modak S. Evaluation of an antimicrobial-impregnated continuous ambulatory peritoneal dialysis catheter for infection control in rats. Am J Kidney Dis. 2002 Jan;39(1):165-73.
		Gaonkar TA, Sampath LA, Modak SM. Evaluation of the antimicrobial efficacy of urinary catheters impregnated with antiseptics in an in vitro urinary tract model. Infect Control Hosp Epidemiol. 2003 Jul;24(7):506-13.
		On April 17, 2000, which is prior to the December 22, 2000 filing date of the present application (Serial No. 09/746,670), a triple lumen catheter was sold by the licensee, Arrow Incorporated, in the United States. This catheter had an outer coating prepared using a solution containing three percent (3%) weight by volume (w/v) of chlorhexidine diacetate and 0.75 percent w/v silver sulfadiazine. The catheter had an inner lumen coating prepared using a solution containing the solvent ethanol, 0.75 percent (0.75%) w/v chlorhexidine free base, and 0.75 percent (0.75%) w/v chlorhexidine diacetate.

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